

U.S. Application No. 09/936,918

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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Listing of Claims:

1. (Currently Amended) An analysis information management method using a service center ~~having a database connected through communication lines to a plurality of automatic analyzing apparatuses used in a plurality of facilities through communication lines-facilities, said service center having a database for storing analysis parameters related to a plurality of reagents for use in the plurality of automatic analyzing apparatuses used in the plurality of facilities, the method comprising the steps of:~~

~~transferring analysis parameters for a testing item to be analyzed using a reagent, to one automatic analyzing apparatus of the plurality of automatic analyzing apparatuses through the communication line in response to a request from said one automatic analyzing apparatus;~~

~~creating, by said service center[[,]] responsive to a request from one of said one automatic analyzing apparatus, creating apparatuses, a list of reagents available in said one automatic analyzing apparatus from information on reagents stored in said database, and supplies supplying said one automatic analyzing apparatus with the list through said a communication line, and line;~~

~~transferring, by said service center[[,]] responsive to a selection of an associated reagent from said list-list, made by a user of said one automatic analyzing apparatus, transferring analysis parameters for a parameters, according to which a~~

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test is to be carried out on a testing item to be analyzed using the selected reagent reagent, to said one automatic analyzing apparatus through said communication line, line;

wherein[(:)] said service center classifies and stores information on analyses such as information, including results of calibrations measured by said automatic analyzing apparatuses, results of analyses on accuracy management control samples, reagents used in analyses, and analysis parameters parameters, for tests carried out in each facility or for each automatic analyzing apparatus, wherein the results of analyses on said control samples are derived from analyses of said control samples using the same reagents in all automatic analyzing apparatuses in all facilities administered by said service center; and calculates,

calculating, by said service center based on the stored information on the results of analyses for each facility or for each automatic analyzing apparatus, a statistical standard value defined for said results of analyses on accuracy management said control samples using the same reagents in all automatic analyzing apparatuses in all facilities administered by said service center, so that when a certain center;

adding said selected reagent to a control sample in said one automatic analyzing apparatus;

analyzing a control sample by said one automatic analyzing apparatus administered by said service center has newly analyzed an accuracy management sample, said service center calculates apparatus;

calculating, by said service center, a statistical deviation between for the result of analysis and from said standard value for evaluation evaluation; and

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determining, based on the calculated statistical deviation, whether the to-verify
that analysis parameters used in the analysis are correct.

2. (Previously Presented) An analysis information management method according to claim 1, wherein:

said automatic analyzing apparatus automatically sets the transferred analysis parameters.

3. (Previously Presented) An analysis information management method according to claim 1, wherein:

said database stores analysis parameters related to reagents from a plurality of reagent suppliers.

4. – 5. (Canceled)

6. (Previously Presented) An analysis information management method according to claim 1, wherein:

when a reagent supplier supplies a novel reagent or a reagent in a new lot to a user of said one automatic analyzing apparatus, said reagent supplier registers said database with information related to said reagent, such as said reagent, automatic analyzing apparatuses capable of using said reagent, and analysis parameters for said reagent prior to supply.

7. (Canceled)

8. (Currently Amended) An analysis information management method according to claim 1, wherein:

said service center, upon determination that the result of analysis on an accuracy management sample transferred thereto from said one automatic analyzing apparatus was derived using newly set analysis parameters, summarizes the result of ~~verification~~ determination in a report, and transmits the report to said one automatic analyzing apparatus through the communication line.

9. (Currently Amended) An analysis information management method according to claim 1, wherein:

each time said service center receives the result of analysis on an ~~accuracy management~~ a control sample from said one automatic analyzing apparatus, said service center calculates a ~~said~~ statistical deviation from said standard value, and transmits the result of analysis to said one automatic analyzing apparatus through the communication line if any defect is recognized based on said determination.

10. (Previously Presented) An analysis information management method according to claim 9, wherein:

when no defect is recognized in the result of analysis, said service center stores the result of analysis, periodically creates a report, and transmits the report to the automatic analyzing apparatuses through the communication lines.

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11. (Previously Presented) An analysis information management method according to claim 1, wherein:

said service center periodically calculates said standard value, and transmits said standard value to the automatic analyzing apparatuses through the communication lines as technical information.

12. (Currently Amended) An analysis information management method according to claim 1, wherein:

said service center stores and ~~manages by version~~ manages, by version, programs for controlling the automatic analyzing apparatuses administered thereby, and automatically installs a program of a requested version in response to a request from an automatic analyzing apparatus administered thereby.

13. – 15. (Canceled)